

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ARSENIC

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Isatis tinctoria</i>	Root		132.0	5.381501352668795	--
<i>Citrus paradisi</i>	Fruit	0.001	4.4	5.101801784885793	--
<i>Nardostachys chinensis</i>	Rhizome		2.11	3.496068578363329	--
<i>Fucus vesiculosus</i>	Plant		68.0	3.207443721565502	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Firmiana simplex</i>	Seed		0.3	2.6291237061085453	--
<i>Hyoscyamus niger</i>	Seed		0.29	2.5129489672254346	--
<i>Lactuca sativa</i>	Leaf	0.001	0.58	2.330127216096206	--
<i>Lycium chinense</i>	Root Bark		0.73	1.9532267117499267	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Acorus calamus</i>	Rhizome		1.13	1.6025541922926834	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Zea mays</i>	Seed	0.001	0.211	1.5951685300488623	--
<i>Oryza sativa</i>	Seed		0.211	1.5951685300488623	--
<i>Citrus medica</i>	Fruit		1.64	1.5647829784038527	--
<i>Bletilla striata</i>	Tuber		1.35	1.4182689798197146	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Eucommia ulmoides</i>	Bark		0.24	1.4142135623730951	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Rhodomyenia palmata</i>	Plant		33.0	1.3240809208523767	--
<i>Vicia faba</i>	Fruit	0.2	1.4	1.2572161256662924	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vigna mungo</i>	Seed		0.162	1.0259123095216214	--
<i>Magnolia fargesii</i>	Flower		0.55	0.9916678072574657	--
<i>Magnolia kobus</i>	Flower		0.55	0.9916678072574657	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Magnolia denudata</i>	Flower		0.55	0.9916678072574657	--
<i>Spinacia oleracea</i>	Leaf	0.02	0.29	0.7318007945426982	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Eriobotrya japonica</i>	Leaf		0.28	0.6766860903511981	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Carthamus tinctorius</i>	Flower		0.48	0.6445840747173526	--
<i>Vitis vinifera</i>	Fruit	0.001	0.889	0.6023550350459049	--
<i>Nelumbo nucifera</i>	Seed		0.11	0.4218036673294472	--
<i>Cornus officinalis</i>	Fruit		0.65	0.29606971086141826	--
<i>Broussonetia papyrifera</i>	Fruit		0.62	0.25762385426922296	--
<i>Ligustrum japonicum</i>	Fruit		0.6	0.23199328320775964	--
<i>Ligustrum lucidum</i>	Fruit		0.6	0.23199328320775964	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Amomum xanthioides</i>	Seed		0.09	0.18945418956322616	--
<i>Vigna radiata</i>	Seed		0.09	0.18945418956322616	--
<i>Aconitum carmichaelii</i>	Tuber		0.77	0.1671723892563164	--
<i>Dioscorea bulbifera</i>	Rhizome		0.37	0.13411446431952964	--
<i>Prunus domestica</i>	Fruit	0.001	0.51	0.11665571343117484	--
<i>Prunella vulgaris</i>	Flower		0.37	0.09916678072574664	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Chondrus crispus</i>	Plant		10.0	0.08644250895517988	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Triticum aestivum</i>	Seed		0.079	0.06166197679180489	--
<i>Lycium chinense</i>	Fruit		0.44	0.02694871471605311	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Malus domestica</i>	Fruit	0.001	0.43	0.014133429185321438	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cynanchum atratum</i>	Root		4.85	-0.0021170343637562897	--
<i>Cyperus rotundus</i>	Rhizome		0.29	-0.02045813862501304	--
<i>Acanthopanax gracilistylis</i>	Root Bark		0.23	-0.07294207637240398	--
<i>Musa x paradisiaca</i>	Fruit	0.04	0.35	-0.08838885506053196	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Citrus reticulata</i>	Fruit	0.04	0.3	-0.15246528271419005	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Pulsatilla chinensis</i>	Root		1.14	-0.15920098415448194	--
<i>Rubia cordifolia</i>	Root		1.1	-0.16089461164548705	--
<i>Gentiana scabra</i>	Root		1.06	-0.16258823913649229	--
<i>Daucus carota</i>	Root	0.003	1.0	-0.16512868037299994	--
<i>Asiasarum heterotropoides</i>	Root		0.68	-0.17867770030104096	--
<i>Bupleurum chinense</i>	Root		0.68	-0.17867770030104096	--
<i>Asiasarum sieboldii</i>	Root		0.68	-0.17867770030104096	--
<i>Sophora angustifolia</i>	Root		0.49	-0.18672243088331536	--
<i>Salvia miltiorrhiza</i>	Root		0.34	-0.19307353397458454	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Glycyrrhiza uralensis</i>	Root		0.3	-0.19476716146558964	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Platycodon grandiflorum</i>	Root		0.29	-0.19519056833834098	--
<i>Pueraria pseudohirsuta</i>	Root		0.26	-0.19646078895659472	--
<i>Achyranthes bidentata</i>	Root		0.26	-0.19646078895659472	--
<i>Morinda</i> sp	Root		0.26	-0.19646078895659472	--
<i>Sophora subprostrata</i>	Root		0.23	-0.19773100957484863	--
<i>Angelica laxiflora</i>	Root		0.21	-0.19857782332035118	--
<i>Solanum tuberosum</i>	Tuber	0.001	0.6	-0.1995283355639898	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Scutellaria baicalensis</i>	Root		0.18	-0.19984804393860506	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Asparagus lucidus</i>	Root		0.16	-0.2006948576841076	--
<i>Scrophularia buergeriana</i>	Root		0.13	-0.2019650783023615	--
<i>Paeonia lactiflora</i>	Root		0.12	-0.2023884851751127	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Polygala tenuifolia</i>	Root		0.12	-0.2023884851751127	--
<i>Equisetum hyemale</i>	Root		0.12	-0.2023884851751127	--
<i>Tragopogon porrifolius</i>	Root		0.11	-0.20281189204786404	--
<i>Apium graveolens</i>	Root	0.01	0.09	-0.2036587057933666	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Beta vulgaris</i>	Root	0.01	0.08	-0.20408211266611795	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Armoracia rusticana</i>	Root	0.01	0.04	-0.20577574015712302	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Pastinaca sativa</i>	Root		0.01	-0.20704596077537676	--
<i>Brassica napus var. napobrassica</i>	Root		0.01	-0.20704596077537676	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Cucumis sativus</i>	Fruit	0.003	0.25	-0.21654171036784842	--
<i>Arisaema consanguineum</i>	Rhizome		0.17	-0.2523170430418266	--
<i>Urtica dioica</i>	Leaf	0.02	0.11	-0.26026388090430685	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Aristolochia debilis</i>	Fruit		0.21	-0.2678028524907751	--
<i>Sinapis alba</i>	Seed		0.05	-0.2752447659692153	--
<i>Ribes rubrum</i>	Fruit	0.01	0.18	-0.30624870908297014	--
<i>Schisandra chinensis</i>	Fruit		0.18	-0.30624870908297014	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Anemarrhena asphodeloides</i>	Rhizome		0.14	-0.3102817691460301	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa laevigata	Fruit		0.17	-0.31906399461370166	--
Notopterygium incisum	Rhizome		0.13	-0.32960334451409795	--
Citrus sinensis	Fruit	0.001	0.154	-0.33956845146287234	--
Taraxacum mongolicum	Plant		1.95	-0.34673093520883896	--
Belamcanda chinensis	Rhizome		0.12	-0.3489249198821658	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Rubus chingii	Fruit		0.14	-0.3575098512058967	--
Plantago asiatica	Plant		1.71	-0.35964542298515745	--
Coptis chinensis	Rhizome		0.11	-0.3682464952502336	--
Coptis japonica	Rhizome		0.11	-0.3682464952502336	--
Coptis spp	Rhizome		0.11	-0.3682464952502336	--
Polygonum multiflorum	Rhizome		0.11	-0.3682464952502336	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Pisum sativum	Seed	0.01	0.04	-0.39141950485232585	--
Crataegus cuneata	Fruit		0.11	-0.39595570779809175	--
Jussiaea repens	Plant		1.0	-0.39785078265676665	--
Lycopodium clavatum	Plant		0.49	-0.4252940691814437	--
Panax quinquefolius	Plant	0.25	0.44	-0.4279845874681766	--
Siegesbeckia orientalis	Plant		0.25	-0.4382085569577622	--
Petroselinum crispum	Plant	0.01	0.21	-0.44036097158714854	--
Artemisia capillaris	Plant		0.16	-0.44305148987388165	--
Lophatherum gracile	Plant		0.12	-0.445203904503268	--
Equisetum hyemale	Plant		0.12	-0.445203904503268	--
Gastrodia elata	Rhizome		0.07	-0.44553279672250495	--
Chaenomeles lagenaria	Fruit		0.07	-0.4472168499210183	--
Anethum graveolens	Plant	0.01	0.06	-0.44843252644734777	ACTA AGRIC SCAND SUPPL 22: 1980

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pyrus communis</i>	Fruit	0.001	0.06	-0.46003213545175	--
<i>Ribes nigrum</i>	Fruit	0.01	0.06	-0.46003213545175	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Drynaria fortunei</i>	Rhizome		0.06	-0.4648543720905728	--
<i>Prunus persica</i>	Fruit	0.001	0.053	-0.46900283532326215	--
<i>Gardenia jasminoides</i>	Fruit		0.05	-0.4728474209824816	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Brassica pekinensis</i>	Leaf	0.038	0.07	-0.4807226976703079	--
<i>Lycopersicon esculentum</i>	Fruit	0.003	0.043	-0.4818181208539938	--
<i>Alisma plantago-aquatica</i>	Rhizome		0.05	-0.4841759474586404	--
<i>Sorbus aucubaria</i>	Fruit	0.01	0.04	-0.4856627065132133	--
<i>Juglans nigra</i>	Seed		0.03	-0.5075942437354362	Furr, A.K., et al. 1979
<i>Capsicum annuum</i>	Fruit	0.004	0.015	-0.5177009203400424	--
<i>Fragaria spp</i>	Fruit		0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Vaccinium myrtillus</i>	Fruit		0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Phaseolus vulgaris</i>	Fruit	0.003	0.01	-0.5241085631054083	--
<i>Quisqualis indica</i>	Fruit		0.01	-0.5241085631054083	--
<i>Cucumis melo</i>	Fruit	0.004	0.006	-0.529234677317701	--
<i>Solanum melongena</i>	Fruit	0.004	0.004	-0.5317977344238474	--
<i>Blechnum orientale</i>	Rhizome		0.02	-0.5421406735628439	--
<i>Atractylodes ovata</i>	Rhizome		0.01	-0.5614622489309118	--
<i>Morus alba</i>	Root Bark		0.1	-0.59974596128421	--
<i>Cichorium endivia</i>	Leaf	0.04	0.048	-0.6019750468916086	--
<i>Bertholletia excelsa</i>	Seed		0.02	-0.6237689826185465	--
<i>Pistacia vera</i>	Seed		0.02	-0.6237689826185465	--
<i>Corylus avellana</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Prunus dulcis</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Quercus rubra</i>	Seed		0.02	-0.6237689826185465	--
<i>Carya illinoensis</i>	Seed		0.02	-0.6237689826185465	--
<i>Cocos nucifera</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Canavalia ensiformis</i>	Seed		0.02	-0.6237689826185465	--
<i>Lablab purpureus</i>	Seed		0.02	-0.6237689826185465	--
<i>Carya ovata</i>	Seed		0.02	-0.6237689826185465	--
<i>Anacardium occidentale</i>	Seed		0.02	-0.6237689826185465	--
<i>Juglans cinerea</i>	Seed		0.02	-0.6237689826185465	--
<i>Paeonia moutan</i>	Root Bark		0.09	-0.6402693370466567	--
<i>Paeonia suffruticosa</i>	Root Bark		0.09	-0.6402693370466567	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Albizia julibrissin</i>	Bark		0.15	-0.7071067811865482	--
<i>Fraxinus rhynchophylla</i>	Bark		0.15	-0.7071067811865482	--
<i>Myristica fragrans</i>	Seed		0.01	-0.7399437215016571	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Eriocaulon sp</i>	Leaf		0.02	-0.7562962186278094	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		0.01	-0.8114109228193096	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Phaseolus vulgaris</i>	Seed	0.002	0.003	-0.8212660387198343	--
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Leaf	0.004	0.007	-0.8279453340767596	--
<i>Celosia cristata</i>	Flower		0.12	-1.1404179783460853	--
<i>Lonicera japonica</i>	Flower		0.09	-1.2891681494347051	--
<i>Tussilago farfara</i>	Flower		0.09	-1.2891681494347051	--
<i>Ophiopogon japonicus</i>	Tuber		0.05	-1.3859130335120398	--
<i>Vaccinium vitis-idaea</i>	Fruit				--
<i>Taraxacum officinale</i>	Leaf				Chem. & Pharm. Bull. 38: 2205.
<i>Raphanus sativus</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Brassica rapa</i>	Root				--
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Leaf				--
<i>Cinnamomum burmannii</i>	Bark				--
<i>Allium cepa</i>	Bulb	0.002	0.076		--
<i>Lygodium japonicum</i>	Pollen Or Spore		1.17		--
<i>Petasites japonicus</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Polystichum polyblepharum</i>	Plant				--
<i>Ribes uva-crispa</i>	Fruit				--
<i>Asparagus officinalis</i>	Shoot	0.005	0.006		--
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Flower				--
<i>Rubus chamaemorus</i>	Fruit				--
<i>Boehmeria nivea</i>	Plant				--
<i>Glechoma hederacea</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Artemisia vulgaris</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Fallopia japonica</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Peucedanum decursivum</i>	Plant				--
<i>Linum usitatissimum</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Panax ginseng</i>	Root				--
<i>Juncus effusus</i>	Pith		0.33		--
<i>Hordeum vulgare</i>	Sprout Seedling		0.01		Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Dendrobium nobile</i>	Plant				--
<i>Rheum rhabarbarum</i>	Pt		0.01		--